

**Abstract**

A ceramic block with a built in electrode (1) includes a first insulating ceramic sheet (12) having a bearing surface (12a), a sheet electrode (2) having an inner edge and spreading out generally parallel to the bearing surface, a second  
5 insulating ceramic sheet (14) enclosing the sheet electrode together with the first insulating ceramic sheet, and a cylindrical, thin film shaped drawn out conductor (3) perpendicularly connected to the inner edge of the sheet  
10 electrode to supply voltage to the sheet electrode. The drawn out conductor is attached to the inner wall of a through hole (14c) of the second insulating ceramic sheet and an insulating ceramic shaft (16) is packed into the through hole.